



THERMOCONT®



COMPACT – ACCURATE – RELIABLE

The device measures temperatures from -50°C (-58°F) to $+200^{\circ}\text{C}$ ($+392^{\circ}$) and is suitable for applications in almost all industrial sectors.

THERMOCONT® TK4SS

Ultra-compact temperature sensor with Pt-Platinum resistance sensor.

The device is particularly intended for time-critical applications with higher temperatures and in restricted installation conditions. Measurement media are gases, vapours, liquids and dust. The measuring system is completely welded and thus sealed off from the process.



TECHNICAL DATA

Measuring ranges	-50°C up to $+200^{\circ}\text{C}$ (-58°F bis 392°F)
Output signal Pt	IEC 60751 – Class A $\leq \pm(0,15\text{K} + 0,002 [t])$ (Pt – Class A)
Output signal 4 -20mA	Current 4 up to 20mA / FSK interface $\leq \pm 0,25\text{K} + 0,002$ (IO-Link / RS485)
Output signal RS485	RS485 Modbus-RTU $\leq \pm 0,15\text{K}$ (4-20mA / IO-Link / RS485)
Output signal IO-Link	IO-Link current 0/4 up to 20mA $\leq \pm 0,15\text{K}$ (4-20mA / IO-Link / RS485)
Process connection	Thread ISO 228-1: G $\frac{1}{4}$ " / G $\frac{1}{2}$ " Thread ANSI: NPT $\frac{1}{4}$ " / NPT $\frac{1}{2}$ " without, for clamp connection Others upon request
Environmental temperature	-40°C up to $+125^{\circ}\text{C}$ (-40°F bis 257°F)
Protection	IP69K/IP67 (EN/IEC 60529)



Fast installation with M12 connector, small and compact stainless steel construction, high quality, reliability and accuracy characterize this sensor.

Made in Germany

YOUR PARTNER FOR MEASUREMENT AND AUTOMATION

THERMOCONT® TK4SS



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